SAFETY DATA SHEET (SDS)

PRIME-LINE PRODUCTS
The Replacement Hardware Company

PRIME LINE PRODUCTS, INC.
26950 SAN BERNARDINO AVE.
REDLANDS, CA 92374
PH: 909-887-8118
FX: 909-880-2906
Email: info@prime-line-products.com
EMERGENCY #: 909-887-8118

HEALTH	1	CONCENTRATED EXPOSURE MAY CAUSE INCAPACITATION
FIRE	4	HIGHLY FLAMMABLE MATERIAL
REACTIVITY	0	NORMALLY STABLE
SPECIFIC		

SECTION 1: PRODUCT IDENTIFICATION

PRODUCT NAME	RZ-50 AEROSOL SPRAY LUBRICANT	PRODUCT DESCRIPTION		PTFE POLYMER DRY FILM AEROSOL LUBRICANT	
PRODUCT PART NO.	RZ 50	TRADE NAMES		RD-50, RZ50	
PRODUCT CLASS	LUBRICANT				
C.A.S. NUMBER		MSDS REVISION LEVEL		USED IN	APPLICATIONS REQUIRING LUBRICATION
MSDS NUMBER	RZ-50	REV	REV DATE		
MSDS DATE	2/18/2015	A	2/18/2015		

SECTION 2: HAZARDS IDENTIFICATION

EYE	SLIGHTLY IRRITATING BUT DOES NOT CAUSE EYE TISSUE INJURY
SKIN CONTACT	LOW ORDER OF TOXICITY. FREQUENT OR PROLONGED CONTACT MAY IRRITATE AND/OR CAUSE DERMATITIS OR AGGRAVATE AN EXISTING CONDITION.
SKIN ABSORPTION	THIS MATERIAL IS AN ASPIRATION HAZARD AND DEFATS THE SKIN.
INGESTION	SMALL AMOUNTS OF THIS PRODUCT ASPIRATED INTO THE RESPIRATORY SYSTEM DURING INGESTION OR VOMITING MAY CAUSE MILD TO SERVERE PULMONARY INJURY-POSSIBLE MINIMAL TOXICITY.
INHALATION	HIGH VAPOR/AEROSOL CONCENTRATIONS, GREATER THAN 100PPM, ARE IRRITATING TO THE EYES AND RESPIRATORY TRACT, MAY CAUSE HEADACHES, DIZZINESS, ANESTHESIA, DROWSINESS, UNCONSCIOUSNESS AND OTHER CENTRAL NERVOUS SYSTEM EFFECTS, INCLUDING DEATH. BREATHING VAPORS OF HIGH CONCENTRATIONS MAY CAUSE CNS DEPRESSION.
ACUTE EFFECTS	NA
CHRONIC EFFECTS	NA
CARCINOGENIC	NA

All materials used in the manufacture of the above product are compliant with the European Union Directive 2002/95/EC for the Restriction of the use of certain Hazardous Substances in Electrical and Electronic Equipment (RoHS). No Lead (Pb), Cadmium (Cd), Mercury (Hg), Hexavalent Chromium (Cr+6), PBB or PBDE is intentionally added to these components. Any trace impurities of these substances contained in the components are below the RoHS specified threshold level.

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SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

CHEMICAL NAME	CAS#	CONTENT WEIGHT %	EXPOSURE LIMITS	
			ACGIH TLV	OSHA PEL
ALIPHATIC HYDROCARBON	142-82-5	40-60	500 PPM	400 PPM
POLY-TFE OMEGA-HYDRO-ALPHA (METHYLCYCLOHEXYL)	65530-85-0	4-8	NOT ESTABLISHED	NOT ESTABLISHED
HYDROCARBON PROPELLANT	68476-86-8	40-60	800 PPM	800 PPM

SECTION 4: FIRST AID MEASURES

EYE CONTACT	FLUSH EYES WITH LARGE AMOUNTS OF WATER UNTIL IRRITATION SUBSIDES. IF IRRITATION PERSISTS, SEEK MEDICAL ATTENTION.
SKIN CONTACT	FLUSH WITH LARGE AMOUNTS OF WATER, USE SOAP IF NECESSARY. REMOVE GROSSLY CONTAMINATED CLOTHING, INCLUDING SHOES, AND LAUNDER BEFORE REUSE.
SKIN ABSORPTION	NA
INGESTION	IF SWALLOWED, DO NOT INDUCE VOMITING. KEEP AT REST AND SEEK MEDICAL PROMPT ATTENTION
INHALATION	USE PROPER RESPIRATORY PROTECTION AND IN A WELL VENTILATED AREA. REMOVE VICTIM FROM EXPOSURE AND GENERAL AREA. ADMINISTER ARTIFICIAL RESPIRATION IF BREATHING IS STOPPED. KEEP AT REST AND SEEK PROMPT MEDICAL ATTENTION.

SECTION 5: FIRE-FIGHTING MEASURES

FLASH POINT		AUTOIGNITION TEMP		FLAMMABLE LIMITS (% BY VOLUME)		
					LEL	UEL
	-104^0C, 169 K		540^0C, 813 K	IN AIR	2.37%	9.50%

EXTINGUISHING MEDIA	STOP GAS FLOW. RECOMMEND USE OF DRY CHEMICAL, CO_2 OR HALOGENATED EXTINGUISHING AGENT.
SPECIAL FIRE FIGHTING PROCEDURES	STOP THE GAS FLOW IMMEDIATELY BEFORE ATTEMPTING TO EXTINGUISH ANY GAS FIRE. ALLOW THE FIRE TO BURN ITSELF OUT. IF THE GAS SOURCE CANNOT BE SHUT OFF IMMEDIATELY, ALL EQUIPMENT AND SURFACES EXPOSED TO THE FIRE SHOULD BE COOLED WITH WATER TO PREVENT OVER-HEATING, FLASH-BACKS AND/OR EXPLOSIONS. CONTROL THE FIRE UNTIL THE GAS SUPPLY CAN BE SHUT OFF. ISOLATE THE "FUEL" SUPPLY FROM FIRE. AVOID SPRAYING WATER DIRECTLY INTO STORAGE CONTAINERS DUE TO DANGER OF BOILOVER. USE PROPER PROTECTIVE EQUIPMENT AND FRESH AIR RESPIRATORS WHEN EXPOSURE TO HAZARDOUS CONCENTRATIONS OF TOXIC GASES IS POSSIBLE.
UNUSUAL FIRE & EXPLOSION HAZARDS	PRODUCT RELEASES FLAMMABLE VAPORS AT WELL BELOW AMBIENT TEMPERATURES AND READILY FORMS FLAMMABLE MIXTURES WITH AIR AND WILL BURN IN THE OPEN AND CAN BE EXPLOSIVE IN CONFINED SPACES. PRODUCT VAPORS ARE INVISIBLE AND HEAVIER THAN AIR AND MAY TRAVEL LONG DISTANCES TO POINTS OF IGNITION. ALKANE/CHLORINE GAS MIXTURES HAVE PRODUCED EXPLOSIONS.

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SECTION 6: ACCIDENTAL RELEASE MEASURES

ACTIONS TO TAKE FOR LEAK OR SPILLS	SPILLS SHOULD BE ABSORBED OR SCRAPED UP. AVOID WATER CONTAMINATION.
WASTE DISPOSAL METHOD	EMPTY DEPRESSURIZED CONTAINERS CANNOT BE REUSED. CANS WHICH ARE PRESSURIZED OR CONTAIN LIQUID MUST BE DISPOSED IN A PERMITTED WASTE MANAGEMENT FACILITY. DISPOSAL MUST BE IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE AND LOCAL REGULATIONS. INCINERATION EQUIPMENT SHOULD BE CAPABLE OF HANDLING LARGE VOLUMES OF DENSE BLACK SMOKE AND WITHSTAND THE CORROSIVE EFFECTS OF ACID CASES. THESE MATERIALS ARE NOT CONSIDERED HAZARDOUS WASTE UNDER TITLE 40, CFR PART 261 (HAZARDOUS WASTES UNDER THE CONSERVATION RECOVERY ACT), REFERENCE SECTIONS 261.31, .32, .33(E) AND .33(F). THEY DO NOT HAVE THE CHARACTERISTICS OF A HAZARDOUS MATERIAL AS DEFINED UNDER SECTIONS 261.21, .22, .23, AND .24.

SECTION 7: HANDLING AND STORAGE

SPECIAL PRECAUTIONS	DO NOT USE PRESSURE TO EMPTY CONTAINER OR EXPLOSION MAY RESULT. DO NOT STORE AT TEMPERATUERS ABOVE 120^{0}F. ODOR IS NOT AN ADEQUATE WARNING OF POTENTIALLY HAZARDOUS CONCENTRATIONS IN AIR. RELEASE OF THESE GASES MAY CAUSE A FLAMMABLE ATMOSPHERE WITH EXPLOSION POTENTIAL. WHEN UTILIZING PRESSURIZED CONTAINERS FOLLOW STANDARD SAFETY PRACTICES FOR HANDLING AEROSOLS.

SECTION 8: EXPOSURE CONTROLS PERSONAL PROTECTION

RESPIRATORY PROTECTION	HEALTH STUDIES HAVE SHOWN HYDROCARBONS POSE POTENTIAL HUMAN HEALTH RISKS FOR SOME PEOPLE. AS A PRECAUTION, EXPOSURE TO LIQUIDS, VAPORS AND FUMES SHOULD BE MINIMIZED. WEAR NIOSH/MSHA APPROVED RESPIRATORS WHENEVER CONCENTRATION IN AIR MAY EXCEED LIMITS.
EYE PROTECTION	WEAR SAFETY GLASSES WITH SIDE SHIELDS OR CHEMICAL GOGGLES
SKIN PROTECTION	WEAR LONG SLEEVES AND CHEMICAL RESISTANT GLOVES-POLYFLUORINATED POLYETHYLENE HAS BEEN SUGGESTED.
OTHER CLOTHING	STANDARD WORK CLOTHING. WASH AND DRY CONTAMINATED CLOTHING BEFORE REUSE
OTHER EQUIPMENT	USE ADEQUATE LEVEL EXHAUST VENTILATION. WHERE CARBON MONOXIDE MAY BE GENERATED, SPECIAL VENTILATION MAY BE REQUIRED. LOCAL EXHAUST RECOMMENDED WHEN APPROPRIATE TO CONTROL EXPOSURE.

SECTION 9: PHYSICAL DATA

CHEMICAL NAME	POLYMER	APPEARANCE	CLEAR
CHEMICAL FAMILY	NA	COLOR	CLEAR
CHEMICAL FORMULA	NA	STATE	AEROSOL
MOLECULAR WEIGHT	NA	ODOR	SLIGHT
DOT INFORMATION	NA	pH	NA
VAPOR DENSITY	NA	MELTING POINT	NA
VAPOR PRESSURE	<75 PSI	BOILING POINT	NA
SOLUBILITY-WATER	INSOLUBLE	FREEZING POINT	NA
SOLUBILITY-OIL	NA	PERCENT VOLATILITY	NA
SOLUBILITY-ACETONE	NA	EVAPORATION RATE	NA

SECTION 10: STABILITY AND REACTIVITY

STABILITY	STABLE
INCOMPATIBILITY (MATERIALS TO AVOID)	MAY REACT WITH STRONG OXIDIZING AGENTS
HAZARDOUS COMBUSTION OR DECOMP PRODUCTS	DECOMPOSITION MAY PRODUCE CARBON MONOXIDE
CONDITIONS TO AVOID	DO NOT WELD, HEAT OR DRILL CONTAINER (CAN). RESIDUE MAY IGNITE WITH EXPLOSIVE VIOLENCE IF HEATED SUFFICIENTLY. SPILLS ON SURFACES MAY CAUSE A SLIPPERY SURFACE.

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SECTION 11: TOXICOLOGICAL INFORMATION

ACUTE DATA	N/A
REPRODUCTIVE / TERATOLOGY DATA	NA

SECTION 12: ECOLOGICAL INFORMATION

	NA

SECTION 13 DISPOSAL CONDITIONS

PROCEDURES	EMPTY DEPRESSURIZED CONTAINERS CANNOT BE REUSED. CANS WHICH ARE PRESSURIZED OR CONTAIN LIQUID MUST BE DISPOSED IN A PERMITTED WASTE MANAGEMENT FACILITY. DISPOSAL MUST BE IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE AND LOCAL REGULATIONS. INCINERATION EQUIPMENT SHOULD BE CAPABLE OF HANDLING LARGE VOLUMES OF DENSE BLACK SMOKE AND WITHSTAND THE CORROSIVE EFFECTS OF ACID CASES. THESE MATERIALS ARE NOT CONSIDERED HAZARDOUS WASTE UNDER TITLE 40, CFR PART 261 (HAZARDOUS WASTES UNDER THE CONSERVATION RECOVERY ACT), REFERENCE SECTIONS 261.31, .32, .33(E) AND .33(F). THEY DO NOT HAVE THE CHARACTERISTICS OF A HAZARDOUS MATERIAL AS DEFINED UNDER SECTIONS 261.21, .22, .23, AND .24.

SECTION 14 TRANSPORTATION INFORMATION

DOT CLASSIFICATION	N/A
WARNING LABELS	N/A

SECTION 15 REGULATORY INFORMATION

WORKPLACE CLASSIFICATION	N/A

SECTION 16 OTHER INFORMATION

THE INFORMATION PRESENTED IN THE SAFETY DATA SHEET IS BASED ON DATA BELIEVED TO BE ACCURATE AS OF THE DATE THIS SAFETY DATA SHEET WAS PREPARED. HOWEVER, NO WARRANTY OF MERCHANTABILITY, FITNESS FOR ANY PARTICULAR PURPOSE, OR ANY OTHER WARRANTY IS EXPRESSED OR IS TO BE IMPLIED REGARDING THE ACCURACY OR COMPLETENESS OF THE INFORMATION PROVIDED ABOVE, THE RESULTS TO BE OBTAINED FROM THE USE OF THIS INFORMATION OR THE PRODUCT, THE SAFETY OF THIS PRODUCT, OR THE HAZARDS RELATED TO ITS USE. NO RESPONSIBILITY IS ASSUMED FOR ANY DAMAGE OR INJURY RESULTING FROM ABNORMAL USE OR FROM ANY FAILURE TO ADHERE TO RECOMMENDED PRACTICES. THE INFORMATION PROVIDED ABOVE AND THE PRODUCT, ARE FURNISHED ON THE CONDITION THAT THE PERSON RECEIVING THEM SHALL MAKE THEIR OWN DETERMINATION AS TO THE SUITABILITY OF THE PRODUCT FOR THEIR PARTICULAR PURPOSE AND ON THE CONDITION THAT THEY ASSUME THE RISK OF THEIR USE.